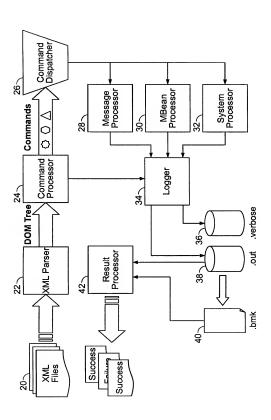
Drawing Sheet 1 of 19
Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan
Application No.: 10/602,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351US1 Attorney: Karl F. Kenna Telephone No. (415) 362-3800



## REPLACEMENT SHEET Drawing Sheet 2 of 19 Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inte: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGU.

Inventors: Kathiravan Sengodan

Application No.: 10/602,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351US1

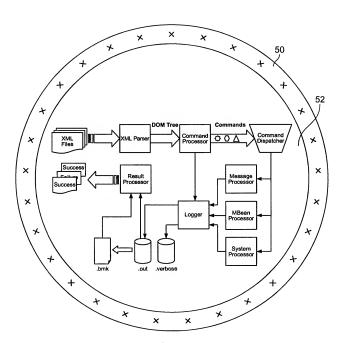
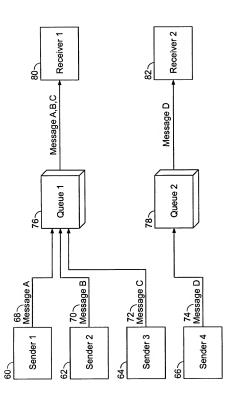


FIG. 2

# REPLACEMENT SHEET Drawing Shoet 3 of 19 Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan

Application No.: 10/602,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351US1

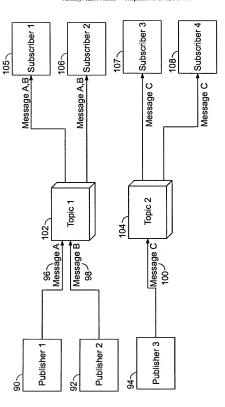


6

## REPLACEMENT SHEET Drawing Sheet 4 of 19

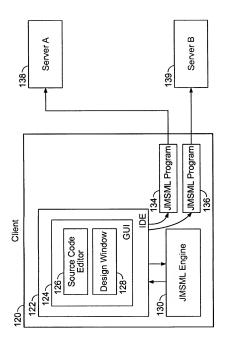
Title:SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan
Application No.: 10/602,037
Application No.: 10/602,037
Filing Date: June 23, 2003
Docket No.: BEAS-01351US1
Attorney: Karl F. Kenna
Telephone No. (415) 362-3800



Inventors: Kathiravan Sengodan
Application No.: 10/602,037 Filing Date: June 23, 2003

Application No.: 10/602,037 Filing Date: June 23, 2003
Docket No.: BEAS-01351US1
Attorney: Karl F. Kenna Telephone No. (415) 362-3800



S C

## REPLACEMENT SHEET Drawing Sheet 6 of 19 Titles SVETEM AND METHOD END LAVA MESS AGE SERVICE MARK LIB LANGUA

Title:SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE Inventors: Kathiravan Sengodan

Application No.: 10/602,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351US1

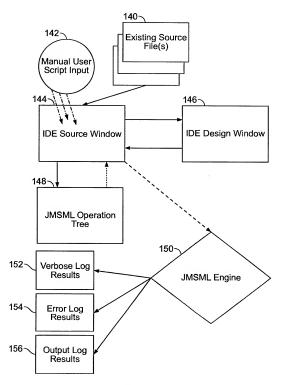


FIG. 6

### REPLACEMENT SHEET Drawing Sheet 7 of 19

Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

AND METHOD FOR AVA MESSACE SERVICE MARK-L Inventors: Kathiravan Sengodan Application No.: 10/60/2,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351US1 Attorney: Karl F. Kenna Telephone No. (415) 362-3800

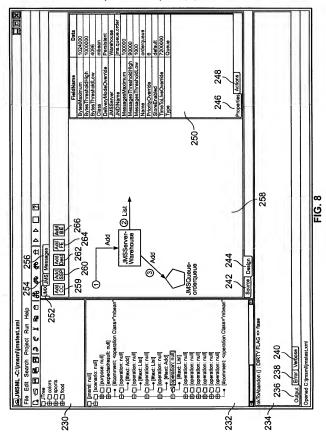
	CH CINOMIC -C. UMBITINGTIBLEST, XIIII	
	File Edit Search Project Run Help	
	10 4 10 6 10 6 1 6 10	# es es es es ⊟ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
	☐ Jiree ⊞-Ci colors  200	e?xml version="1,0" encoding="UTF-8"7> <idoctype "-="" "jmsml.did"="" 1,0="" bea="" dtd="" en"="" ind="" jmsml="" public="" specification="" systems=""></idoctype>
	## C 10 00 00 00 00 00 00 00 00 00 00 00 00	dimsml>
	[jmsm] Unil]	<scenario name="Dynamic Queue creation" verify="false"></scenario>
	田-〇 [scenano: null]	Courpose> To test the dynamic creation of queue
	E-C [expectedresult: null]	<pre></pre>
202	(#comment: <operation [operation:="" class="mbean" null]<="" td=""><td><expected result=""> JMS queue destination should be successfully created with the specified attributes. In order to verify th</expected></td></operation>	<expected result=""> JMS queue destination should be successfully created with the specified attributes. In order to verify th</expected>
	[#text: Add]	are two additional operations are done as below.
	(D) (operation: null)	1. Take the statistics information of the JMSServer "Warehouse" before and after the creation of the queue destin
	E-C [operation: null]	see the newly created queue is been added the current destination count of the JMSServer "Warehouse".
	☐-[☐ [operation: null]	2. A sender and receiver will be created to send and receive a text message to and from the newly created "order
	E-C [operation: null]	
	(operation: null)	If the above two operations are successful, the test is declared as PASSED. Otherwise the test is declared as FAI
	FI-7 [operation: pulf]	-dexpected esquir- coperation Class="mbean" Name="Warehouse" Targets="examplesServer" Type="JMSServer">
	#text: Receive]	Add
	E-C [operation: null]	Coperation Class="mbean" Name="Warehouse" Type="JMSServer">
	El-C Toperation: null	0 0
	(B-C) [operation: null]	instest.xml   Col 1   Col 1   Coned   INS
	#comment: <operation <="" class="mbean" th=""><th>Sourse Design</th></operation>	Sourse Design
	MSSecuer : Werehouse was added to server : example	1
	Exception: com beautiful and an area of the control	Time default, MESswert, Messmoss — we will only the west of the Section of the Se
	[avax.management.instanceAireadyExistsException.examples:Name=Warehouse,Type=JMSServer] Flusing out and closing files	imples:Name "Warehouse, Type=JMSServer
	Name   Warehouse   Namehouse	
	BytesMaximum = 1 Bytes ThresholdHigh = 1	
	Bytes Threshold Low = -1	208
204-	Messages Thresholdligh = -1	
	ByesPagingEnabled = false	
	· ; "	
	Output ErrorT Verbose	
210	Opened C:\imsm\jmstest.xml	
212-		FIG. 7

#### REPLACEMENT SHEET Drawing Sheet 8 of 19

Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan

Application No.: 10/602,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351US1



#### REPLACEMENT SHEET Drawing Sheet 9 of 19

Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan
Application No.: 10/602,037 Filing Date: June 23, 2003

Docket No.: BEAS-01351US1 Attorney: Karl F. Kenna Telephone No. (415) 362-3800

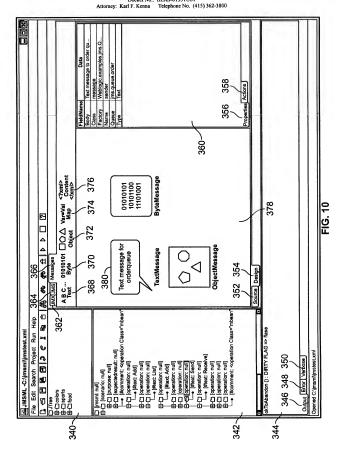
weblogic.examples.jms.QueueC sender ext message to order queue Data ms.queue.order Body Class Factory Name Queue Synchronous QueueReceiver-receiver 336 0 Text message to orderqueue ms.queue.order 338 6 332 Δ QueueSender-sender 330 ₩ SMIC XMIC Θ Help 322 a okToAbandon () : DIRTY FLAG => flase A JMSML -C:\jmsml\jmstest.xml Search Project Run Opened C:\imsml\imstest.xml 310 a Error Verbose B-C [operation: null]
B-C [operation: null]
B-C [operation: null]
B-C [operation: null] E-C [operation: null]
E-C [operation: null]
E-C [operation: null]
E-C [operation: null] [라다 (operation: null) 다주 (operation: null #text: Send #text Add 306 308 jmsml: nulij **1**0 Tree Olives Olives Olives Olives Olives Olives Olives Olives Edit 읊 302

#### REPLACEMENT SHEET Drawing Sheet 10 of 19

Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan

Application No.: 10/602,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351US1



Drawing Sheet 11 of 19
Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan

	T	0	£	ifi Jer	<b>€</b>	9 9		
		ion 1.0 JMSML//EN" "jmsml.dtd">	416 specified attributes. In order to verify	d after the creation of the queue des of the JMSServer "Warehouse". 9e to and from the newly created "orc	D. Otherwise the tast is declared as FaServer* Type="JMSServer">	Line 1 Col Opened III		
	-	-Zorni vostona"-i, fo encedinga"-UTF-87> qDOCTYPE jmsmi PUBLIC "/IBEA Systems Ind/DTD JMSML Specification 1.0 JMSML/EN" "jmsml.did">- chromb.	ranio Name=Dynamic Queue creation* Verity=*faise*>  416  uppase  uppas	1. Take the statistics information of the JMSSavver "Warehouse" before and after the creation of the queue destin see the newty created queue is been added the current destination count of the JMSSaver "Varehouse". 2. A sender and receiver will be created to send and receive a text message to and from the newty created "order	If the above two operations are successful, the test is declared as PASSED. Otherwise the test is declared as FA -dexpendednesult> -coperation Class="mbean" Name="Warehouse" Targets= examplesServer" Type="JMSServer"> Add -dependation -doperation			7
	S - 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	<pre></pre> <pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre>&lt;</pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	y month of the department of t	1. Take the statistics information of the see the newly created queue is been 2. A sender and receiver will be crea	If the above two operations are succ	Source Design	<u>404</u>	FIG. 1
AJMSML -C:\jmsml\jmstest.xml File Edit Search Project Run Help		口 JTree 田口 colors 田口 colors 田口 colors 田口 food	To finanti: nutili Hall formatica nutili hal	⊕+C (operation: null) ⊕+C (operation: null) ⊕+C (operation: null) ⊕+C (operation: null) □+	### Coperation: null	Coeration null BL Growentier unil BL Growentern unil Les Récomments caparation Classe*mbean*  Processing data fileCymennymet.xmixmi Processing data fileCymennymet.xmixmi System	corentrio Test furns - scentrio Nama-Dynamic Queue creation Verify-Tates spulyte	Undrock note: purpose (Output, Emor) Verbose Opéned C.limsmiljmstest.xml
			402~				410-	406

Drawing Sheet 12 of 19
Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan

		430	432	EC; com Seature rights Executed Consequence Consequenc
(AJMSML-C:\timeml\mstest.xml File Edit Search Project Run Helo	9	Cognetion Constitution (1994 436 436 436 1998 1998 1998 1998 1998 1998 1998 199	Password Pas	Commission may appear Execution Contentigate Society  E. januar ming unisidomacigadiza e properties contential

Drawing Sheet 13 of 19 Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

AND METHOD FOR TAVA MISSACE SERVICE MARK-C Inventors: Kathiravan Sengodan Application No.: 10/602,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351USI Attorney: Karl F. Kenna Telephone No. (415) 362-3800

	A JMSML -C:\jmsml\jmstest.xml		
	File Edit Search Project Run Help		
	3 6 1 8 B	\$\$	
	C Ji Tree C colors C soots	-chzml version="1.0" encoding="UTF-8"?> <idoctype "-="" "jmsml.dtd"="" 1.0="" bea="" dtd="" en"="" inc="" jmsml="" public="" specification="" systems=""></idoctype>	
440~	D Cook	<pre><jmsml> <spenario name="Dynamic Queue creation" verfty="false"></spenario></jmsml></pre>	
		<pre><purpose>   To test the dynamic creation of queue</purpose></pre>	
	口 [msml: nuil] 日一口 [soenario: nuil]	<pre> <a href="https://www.new.new.new.new.new.new.new.new.new.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;母白 (purpose: null)&lt;br&gt;母白 (expectedresult: null)&lt;/td&gt;&lt;td&gt;JMS queue destination should be successfully created with the specified attributes. In order to verify the&lt;br&gt;are two additional operations are done as below.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt; (#comment: &lt;operation Class=" mbean"<="" td=""><td>1. Take the statistics information of the JMSServer "Warehouse" before and after the creation of the queue destin</td></a></pre>	1. Take the statistics information of the JMSServer "Warehouse" before and after the creation of the queue destin
	[#text: Add]	see the newly created queue is been added the current destination count of the JMSServer "Warehouse".	
		2. A sender and receiver will be created to send and receive a text message to and from the newly created "orde	
		If the above two operations are successful, the test is declared as PASSED. Otherwise the test is declared as FA	
	B-C [operation: null]	<expectedresult> <ooperation class="mbean" name="Warehouse" targets="examplesServer" type="JMSServer"></ooperation></expectedresult>	
	E S [operation: null]	Add	
	E-C (operation: null)	<pre>coperation Class="mbean" Name="Warehouse" Type="JMSServer"&gt;</pre>	
	E-C (operation: nutil)	List	
	田·囗 (operation: null) 田-Ɗ (operation: null)	</td	
	(operation: null)	List	
5	H-LJ (operation: null)◆ [#comment: <operation <="" class="mbean" td=""><td>*1024000* Bytes Threshold Light Streshold High = "1000000" Bytes Threshold Low="4099" Class right MS Cartes Threshold Low="4099" Class right MS Cartes MS Amount Threshold Low="4090" Class right MS Cartes MS Amount Threshold Class right MS Cartes MS Carte</td></operation>	*1024000* Bytes Threshold Light Streshold High = "1000000" Bytes Threshold Low="4099" Class right MS Cartes Threshold Low="4099" Class right MS Cartes MS Amount Threshold Low="4090" Class right MS Cartes MS Amount Threshold Class right MS Cartes MS Carte	
744	,	(instantive)	
		ußise	
	okToAbandon () : DIRTY FLAG => flase		
444		452 454 456	
	446 448 450		
	Output Error Verbose		
	Opened C:\imsml\imstest.xml		
		EIC 43	

#### REPLACEMENT SHEET Drawing Sheet 14 of 19

Drawing Sheet 14 of 19
Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan

Application No.: 10/602,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351US1

	Opened AINS	474		0
	ine 1 Col 1			
	<u> </u>			
	6			
	B Ch			FIG. 14
	名 本 色 音 C/xml version="1.0"。 Imsteat.xml Source [Design]	470 472	Server : Warehouse	
st.xml Rin Heln	4	Warehouse  - examplesServer  - examplesServer	= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	
요JMSML -C:\msml\jmstest.xml File Fdit Search Project Run Heln		Name Tagsbild Tagsbil	alfount allocation and allocation and allocation and count allocation and allocat	Type Blesskamm Blesskamm Blesskamm Blesskamm Blesskamm Messages Presidelign Messages Presidel
ABJ MSN	The cut	Name (Interpretation of the control	Destinations Messages Curve Messages Curve Messages February Messages February Messages February Messages February Physiological Physiological Physiological Physiological Physiological Physiological Physiological Physiol	468 Messagn Me

### REPLACEMENT SHEET Drawing Sheet 15 of 19 Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

AND METHOD FOR JAVA MESSAGE SERVICE MARK-Inventors: Kathiravan Sengodan Application No.: 10/602,037 Filing Date: June 23, 2003 Docket No.: BEAS-01351US1

Attorney: Karl F. Kenna Telephone No. (415) 362-3800

Server C Server B 514 516 JMS/JMX Commands Commands JMS/JMX 510 Computer/Processing Device Server A × 512 Command-Line JMSML Engine Client Interface JMS/JMX Commands 504  $\frac{506}{6}$ 502 510

# REPLACEMENT SHEET Drawing Sheet 16 of 19 Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE Inventors; Kathiravan Sengodan

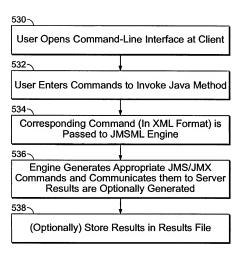


FIG. 16

#### REPLACEMENT SHEET Drawing Sheet 17 of 19

Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE Inventors: Kathravan Sengodan Application No: 10/602/037 | Filing Date: June 23, 2003 Docket No: BEAS-0135/US1

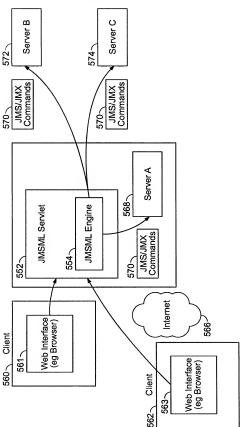


FIG. 17

# REPLACEMENT SHEET Drawing Sheet 18 of 19 Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE Inventors: Kathiravan Sengodan

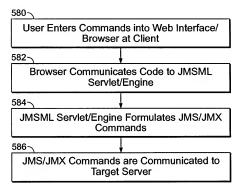


FIG. 18

#### REPLACEMENT SHEET Drawing Sheet 19 of 19

Drawing Sheet 19 of 19
Title: SYSTEM AND METHOD FOR JAVA MESSAGE SERVICE MARK-UP LANGUAGE

Inventors: Kathiravan Sengodan
Application No.: 10/602,037 Filing Date: June 23, 2003

Docket No.: BEAS-01351US1
Attorney: Karl F. Kenna Telephone No. (415) 362-3800

69 69 01 Þ Fest name : test
Name="JMSServer\_conf\_add\_default\_norm3"
Verify="false" nternel 🕙 Processing data file...././jms6958.xml Server URL: t3://172.18.46.49:7001 Class="mbean"
MessagesMaximum="100"
MessagesThresholdHigh="50"
MessagesThresholdLow="10"
Name="newBE3" Please select any type of URL specification and type in the XML operation element to execute JMS functions. 8 Bytes ThresholdHigh="512" Bytes ThresholdLow="64" vtesMaximum="1024" 2 2 S Add User Password Release coeration stest 180 JMSML - Web Interface Queue Destination: newQ3 was added to newBE3 default newQ3 Server URL: t3://172.18.46.49:7001 MSServer: newBE3 was added to JNDIName qa.jms.destination.newQ3 JMSServer Save execution as Test MessagesMaximum MessagesThresholdHigh MessagesThresholdLow JMSServer: newBE3! Bytes ThresholdHigh Bytes Threshold Low Targets [0] BytesMaximum **3ytes Thres.** Juthut ◆ Back・⇔・⊗ 図 値 図 Search ☆ Favorites (Address 函 http://172.18.46.49:7001/jmstesthelpers/jmsmi JMSML - Web Interface - Microsoft Internet Explorer Browse... OR Enter Operations Name="JMSServer\_conf\_add\_default\_norm3"
Verify="false"> Messages ThresholdHigh="50" Messages ThresholdLow="10">Add</opeartion Save Resuls 🖾 Verbose 🗌 Release: 6.0 </p Tools <operation Class="mbean" Type="Queue" Type="JMSServer"
Name="newBE3">List</operation> localhost | : | 7001 | ype="JMSServer" Name="newBE3" Favorites BytesMaximum="1024" BytesThresholdHigh="512" WessagesMaximum= 100 Execute BytesThresholdLow="64" <operation Class="mbean" <operation Class="mbean" Open above XML file gumby1234 argets="myserver View 13 Edit Username: Password: XML File: Address OUR **®** 5. Done File

FIG. 19